

Application Serial No. 10/675,498
Reply to office action of June 7, 2007

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Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A bagless vacuum cleaner comprising:
 - a brush;
 - a driving motor for generating a suction force;
 - a main body including said driving motor and a filter mounting into which a filter assembly can be inserted;
 - a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;
 - a filter assembly, mounted within said filter mounting to filter out dust from external air drawn into said main body through said dust suction tube and said brush, the filter assembly being comprised of a filter housing having a top, and an opposing [[a]] bottom, such that the filter assembly is mounted into the filter mounting by first inserting the bottom of the filter assembly into the filter mounting, said filter housing having first and second sides, the top, bottom and sides being capable of substantially enclosing -and at least one side, the filter housing being capable of enclosing at least one filter unit, the filter housing also having a safety lever at the bottom of the filter housing, the safety lever protruding outwardly from the at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing, thereby preventing and which prevents the filter assembly from being installed into the main

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body, the safety lever being located within the filter housing when the at least one filter unit is fully installed into the filter housing thereby allowing the filter housing to be installed into the main body; and

a main body cover forming an outer surface of the bagless vacuum cleaner and coupled with said filter assembly to facilitate the insertion and removal of said filter assembly into and from said filter mounting and being capable of locking to said main body.

2. (Cancelled)

3. (Previously presented) The bagless vacuum cleaner according to claim 1, wherein said filter housing includes an engagement loop.

4. (Previously presented) The bagless vacuum cleaner according/to claim 1, wherein said filter housing further comprises an opening, through which external air flows into the filter housing.

5. (Previously presented) The bagless vacuum cleaner according to claim 4, wherein said filter housing further comprises an opening cover for covering said opening in the filter housing, the opening cover being urged to a closed position by a spring, when the filter housing is removed from the bagless vacuum cleaner.

6. (Previously presented) The bagless vacuum cleaner according to claim 1, wherein

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a second filter unit comprises a second filter, and a second filter holder for supporting said second filter.

7. (Previously presented) The bagless vacuum cleaner according to claim 1, wherein a first filter unit further comprises a first filter and a first filter holder for supporting said first filter.

8. (Currently amended) A bagless vacuum cleaner comprising:

a brush;

a driving motor for generating a suction force;

a main body including said driving motor and a filter mounting into which a filter assembly can be inserted;

a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;

a cyclone dust collector provided in said dust suction tube for separating said dust from air drawn into the collector by circulating the air within the cyclone dust collector;

a filter assembly mounted into said filter mounting and comprising a filter housing, a first filter unit and a second filter unit to filter out dust and dirt from external air drawn into said main body through said dust suction tube and said brush, the filter assembly being comprised of a filter housing having a top, and an opposing ~~[[a]]~~ bottom such that the filter assembly is mounted into the filter mounting by first inserting the filter assembly bottom into the filter mounting and thereafter sliding the filter assembly into

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the filter mounting, and at least first and second sides, ~~one side,~~ the filter housing being capable of enclosing at least one filter unit, the filter housing having a safety lever at the bottom of the filter housing, which protrudes, ~~the safety lever protruding~~ outwardly from ~~the~~ at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing, and which thereby prevents the filter assembly from being installed into the main body, the safety lever being located within the filter housing when the at least one filter unit is fully installed into the filter housing thereby allowing the filter housing to be installed into the main body; and

a main body cover having first, second and third hooks, each of which are shaped and configured to engage said filter assembly, and a handle that projects upwardly from the main body for facilitating the selective insertion and removal of said filter assembly into and from said filter mounting.

9. (Original) The bagless vacuum cleaner according to claim 8, wherein said handle of said main body cover has at least one hook which can be locked into corresponding locking grooves formed on said main body.

10. (Previously presented) The bagless vacuum cleaner according to claim 8, wherein said filter assembly further comprises a safety lever, having at least one locking projection, which can be inserted into a hole in a sidewall of the filter housing when the filter housing is completely assembled.

11. (Previously presented) The bagless vacuum cleaner according to claim 8, wherein

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said filter housing of said filter assembly includes an opening, which corresponds with said dust suction tube, and an opening cover for selectively opening and closing said opening.

12. (Previously presented) The bagless vacuum cleaner according to claim 9, wherein said filter housing of said filter assembly includes an opening, which corresponds with said dust suction tube, and an opening cover for selectively opening and closing said opening, the opening cover being urged to a closed position by a spring, whenever the filter housing is outside the bagless vacuum cleaner.

13. (Original) The bagless vacuum cleaner according to claim 8, wherein said filter housing of said filter assembly includes an engagement loop, which is shaped and configured to engage with said first hook of said main body cover, and a plurality of locking jaws, which can be engaged with said second and third hooks of said main body cover.

14. (Currently amended) A bagless vacuum cleaner comprising:

a brush;

a driving motor for generating a suction force;

a main body including said driving motor and a filter mounting into which a filter assembly can be inserted, the filter mounting having a filter guide;

a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;

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a cyclone dust collector provided in said dust suction tube to remove dust from air drawn into the cyclone dust collector by circulating the air within the cyclone dust collector;

a filter assembly mounted within said filter mounting and comprising a filter housing and a first filter unit locked into said filter housing, the filter assembly being comprised of a filter housing having a top, [[a]] an opposing bottom that is inserted first into the filter mounting, and at least one side, the filter housing being capable of enclosing at least one filter unit, the filter housing having a safety lever at the bottom of the filter housing, the safety lever protruding outwardly from the at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing, and which thereby prevents the filter assembly bottom from being installed into the main body, the safety lever being located within the filter housing when the at least one filter unit is fully installed into the filter housing to thereby allow the filter housing bottom to be installed into the filter mounting; and

a main body cover, forming an outer surface of the bagless vacuum cleaner, and detachable from said filter assembly, said main body thereby being provided with a handle, which projects away from the main body.

15. (Original) The bagless vacuum cleaner according to claim 14, wherein said handle of said main body cover has a plurality of hooks which can be locked into corresponding locking grooves formed on said main body.

16. (Currently amended) The bagless vacuum cleaner according to claim 14, wherein

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said filter assembly includes a support projection and at least one locker capable of holding a tool for cleaning said filter on one side thereof.